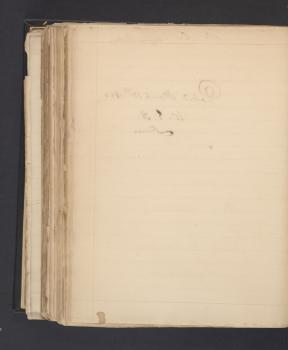
42 C. angina Pictoria #15 Papa Manh 12" 1824 W. 9. H.



An Inaugural Difsertation, Submitted to the Faculty University of Temnsylvania; for the Degree of Doctor of Medicine; Philip G. Randolph Virginia .\_

\_1823\_

## Angina Sectoris.

Sething original cam be effored on the nations of a decease which has been so Thomasphy descriped by men of the highest work in the medical propagation.

Smidet the numerous & conflicting theories already annumy to the medical world we shall discour some traces of ingenity endeped by a book of the most flagount about disdicted.

In alterplay to call from the various opining of authors who have treated of this disease, what appears worthy to arrest mor attention. I have involved myself in a lask of some difficulty.

The hypotheses of the present day, though aided by all the powers of bound redecentation and embolished by all the beauties of thetorie, may get be the theme of hidicrous just or valgar rehabitry. We may insulge a hope that such a bate does not await then all; but that some will defy the test of sourting and the ordeal of toms.



The disease now in question is fortunally one of and occurrent, so much do indeed as to admit a doubt whether it exits as described by authors.

It commences its attack frequently without any premonitory symptoms, while the patient is sitting or standing in a state of quiesence both bodily & mental. The patient is then seiged with an acute pain in the breast, or at the extremity of the sternum inclining to the left side gertending into the arm as far as the insurtion of the deltoid muscle. these symptoms are aggravated by a sense of suffication and a distriping apprehension of impending dipolation. the attack, however, generally comes on more gradue ally, and is then characterized by the following syn notions . - a person while fatigued either with wasking or some other exertion, is suged with a richart con-Strictory pain at the lower ende of the Sterner in clining to the left side, and extending tale the arm as for as the insurtion of the deltoid muscle; or wen to the ends of the fingers, accompanied with a



uselast pathitation of the heart, difficult respiration, and a sence of diffication 12.

as soon at he distrible from exercise and comming quich do attack ceased or abates much of its violence: but when the desirace becomes confirmed from long Madding it does not do readily subside. The track is sometimes brought on while the patient is in both, either by coughing, bried speaking, or some undue mental exactement. - Ascending a pair of stairs or any height whatever, by dishubing the representative will generally induce an attack in shore predictionally enduce an attack in shore predictional to the diseases. Replation from to great induspense in eating & directing is also enumerated among the other execting caused of largemen.

Angina generally school for it victim the photorne and sectentary, particularly those who have short weeks, large heads thigh shoulded. It also much frequestly already makes instead of females, and three about the meridian of life. To this rule house,



thus are some exceptions. In those cases it has alto died persons very differentian in appearance of temperament, being of a thin. charletic halch.

The pathology of this disease is one of the most further Henry of controvery in the science of missione & little atrance hat here made toward a decelopment of the mystery.

much of the negating. To the first tradice on the subject, published about the first tradice on the subject, published about the first tradice. about the same time many eminent physicians attempt, est to investigate its nature, which resulted in a be life that it was sharmed in To show that their hypothesis was not well founded we may observe that they were unable to designate the part affector the researched of the Tany have led him to a very different conclusion. He thinks in really it is betting more than a case of synapse, which It alter defines industrial immitted aliquameter quies and and different from common synapse only in being per ad different from common synapse only in being per

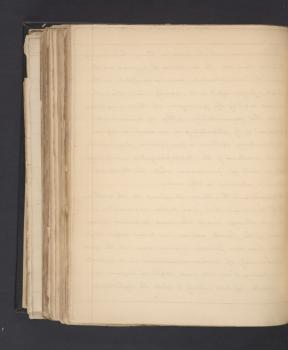


eded by an unusual degree of pain, and anxiety about the sternum, and in being broughton in a state of app went health by rivlent muscular creation of any kind? The cause of the disease he traces to an ossification of the coronary atteries of the heart . - he says ( I use his own words) the rigidity of the coronary arteries thus induced may act proportionably to the extent of the operfication as a mechanical impediment to the motion of the heart; and though a quantity of blood, may circulate through these artired sufficient to mourish the heart, as appears in some instances, from the size of firmings of that organ, yet then may probably be less than what is requisite for a ready & regorous action. - Hence Though a heart This diseased may be fit for the purposes of common circulation during a Itale of mental obodily tranquitily, and of health otherwise good; get when any unusual exition is required its powers may fail under the new terhardinary demands.



In accordance with his favourite theory he endeavoury to pure that all the symptoms of engines are the effect of blood retarded and accumulated in the sent of blood retarded in it vicinity; and that the causes exerting the paronyme are those which preduce this accumulation; either by mechanish perfect or by stimulating in an exceptive degree the currently system; in consequence of which the heart weakined by the malorganization readily sinkly tide a state of quiescence while the blood continues to assence in the reins.

In opposition to this theory is appeared on the authority of the theory what post mortion examinations do not always weed the same discussed appearances of the heart, and in some course where office then has been present angina was not the word sucharacity of mortion appearances are discovered on depending those who have died of angina as to enclosibile, if not entirely to refuse the hypothesis



of Dr. Parry ..

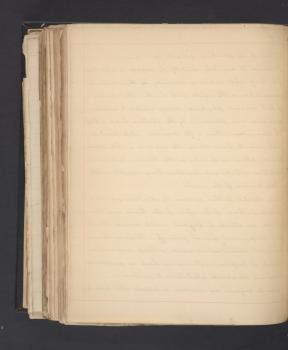
The theory of It Parry is supported by the authority of the Thomas who thinks that it is either coining to an opposition of the Coronary activies of the least or to some organic lesson ( usually of an ossesse nature) existing at the origin of the circulation. 
author declines totally different from three steady attition and attained by It Larwin where high authority on these exist authority on the considered miss errors to some degree of respect in the considered angular lateries a their of asthmal and from him the disease has deviced it name, without soforificers.

The apparent analogy existing between these two diseased gives plans itility at least to his theory, though a a threat examination of the symptoms they are found to differ materially. As them a wealty at mose a more choose from, bring most prequently present by symptoms which indicate the nature of the impending mataly and give line to the Myrian

a and of the allack, or mitigale its violence - It broach of New York attributes the disease to a platform of the Horse refuels and more expecially in disproportionate exemulation in the refuels of the hard. The opinion of that eminent phageina, always entitled to expect, is andered more plannible by the platform dulch of these she have fallen without to the diseases. Departures of wall faction to have howe the supplies in a state of disease towers, effectives of water in the Thoram; each accummutations of fat; and sometimes brong deported in the reful traduces of the heart.

It is objected to this decisions by Dr Chipman, that if much plathorn of the refall of the heart were the cause an attack of angina would ensure always as a consequence of such full ref. There houses, we know does to matine exist without inducing an attack of angina; instances we have in patitional which are sometimed attacked to plathorn.

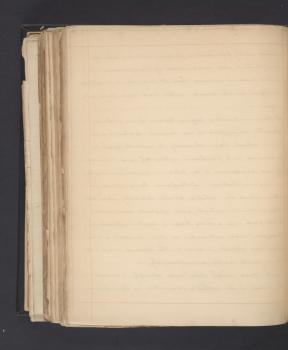
Cases of angina are recorded in patients where from the



without delity of emacentum plethorn could not populty, have excelled but as an effect of the disease. In this case it appears that BY Horsache has mirthen the effect for the cause, as the lack what case fully proved.

Di Chapman Consider lagina Pratoris of an aestrale character; in support of his skinien he with several cause which stem obsciously to warrant such a condusion. A fanithman of this city consistent of find physician to be between under an attack of largence leateries. It Chapman being called in abministrate the volatile alkalic intensity with other difficults the melastic alkalic intensity. With the difficults the melastic alkalic intensity with other difficults the melastic, and applied disappiemed to the feet : in a short time a regular attack of lockagen was intered in the service as some formations of the service would to its original seats say in melastic the disease would to its original seats in melastic the disease would to

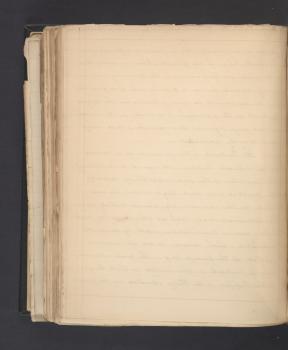
another case which the more strongly warrants the belief of its arthitic character is the following



a Lady who had been supposed by Do Rabon Statistan to be affected with angina drank an infusion of red pepper which drove the disease to the feet, + Thus Podegra was in like manner produced. These cases are to conclusive as to puchede the receptly of making farther comment. . duck more might be said in its sapport; but for the take of brity I shall rest tatisfied with what had already been addressed . -Sixutions present such a raciety of phenomina as to lead no clue for an investigation tale this myste rious disease . - Various morbid appearances, as ale early observed, are sometimes revealed on diferetion in this disease: luck as opifications, dilatations of the repels, and depositions of matter. Effections of water are sometimed discovered, I bony deposite are frequently found in the values of the heart . with regard to the prognosis of this disease I will only observe that disease is considered dan-

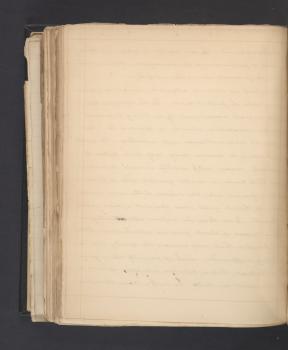
guind in perfection to the violence and pregumery of the attack of the patient. When it really clips and expensive or any organic discours a cure is not to be expected but if the fratish he young testinate the discourse gratual in the approach of moderate in its violences without any organic decargement, a cure may be unsonably expected.

The teatment of this disease is a various as the different theories with segard to its partilege. The supporters of the sharmedie theory declining this practice from what they consistent the seal nature of the disease, rely, almost entirely whom the anticeful superation, such as other, complete, much their various combinations, and by moderate them ranious combinations, and by moderate researchers. Such however, is not the adopted practice of the present day. The month approach plan of trislower in this country is that thought by the Brokepor of the theory spractice in the limiting



of Conseylation . The devices the practice with that which is perfect during the parrayem, I that which is be persued during the internal -

The patient as look as attacked should be placed in a state of perfect rest. If the symptoms are Then ungent accompanied by a strong disgorous pulse venescition should be resorted to as far as circumstances will admit - The quantity of blood to be drawn may vary from fifteen to twenty onners, unless debility should Lapewere. in that case a smaller quantily will suffice. as a general rule the origin of the vein should not be closed until some clearded effect is per = duced. If we close the orifice after tracting a few owners of blood from an appelendion of the eshaustion that may ensue, the remedy will be totally inefficient. Each is frequently the urgency of the case that a copious detraction of blood is demanded in Stanter; in such a case the orifice

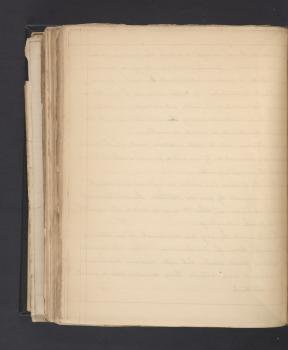


hold be large enough to admit the papage of a bold stream. Foreal deplition may be countries to teached or rendered inaffectual. In make a case a local debraction by cuts applied to the thorax may be resorted to with advantage. As unallary to the last mentioned seemely the application of a better to the breach with a found series be.

our attention with he next calculate bouls, which should be feely as accusabled by an active purge such as calomal out it would adjuncte.

after the disease has ababed the orderess and artende action reduced by previous deplater the anti-harmonics such as landarium, other to may be called into requitition with much advantage.

I called at the way commencement of an attack a large dose of landanum or other arts frequently afford great relief; but after defletion has been passed to some extents these remedies will be found my effectual.



The unredies that next present themselves are those perfor during the intend between the personyums, or those which are used with a view to present a recoverner of the aleach. These are either topical organization or the importance of establishing a counter writation or main in this disease, seems to have attended the attention of most merical practitioners.

It abarnen appears among the first absocute for the practice of employing spices in the care of this disease. - The economicals their application to the words of the thigh; large wough to contain two pear each. These honever were found objectionable on account of the addicately in presenting the patients to about the remely.

Coles are recorded where this practice has proved eminutely beneficial. The practice is now ready over the and is now despected by the use of the testion-emite planter. "The paralless instation" of the testion-emite planter when applied to the cheek appearance of the ch

more tertable than the old plan of establishing a fram by the application of a perfection of a very peculiar to the same part . The instation of a very peculiar as well as a very possonous nature discussion the application of the planter. This ereption perone very difficult of care and conveymently keeps up a more permanent drain. Jastaremetre may be applied wither in the born of a planter, or of clother runs out in a delettin of ih.

Projectual blisters applied to the risk are found benificial, and were formally substituted for the species on the inside of the thigh-

The general remedies are the tower relief on for the cure of neword & spanmode affections. He regitable towers such as Bark alondo, the have look much of their former refutation and see now relation employed in the cure of their disease. The mineral traces have supplementable regitable and now receive all the confidence

as on the cause of the trick of

one bestound on the latter. The most approved of this class of remains are the Supplaces of Coppers. There, and network of Solver. It appears on the authority of the Buch that comes have been effected by the use of the duelphate of Time. So Chapman says nothing of these medicines. It may be fully presumed, however, that they are entitled to time coulder from their having received the Sanation of the Rush.

To present a recurence of the attack, all the exciting causes should be bedukerely accided. The dech should be light translative obtails in quantity, though it may be frequently taken. all private light to induce garded be accided as they are light to induce gardine distantion which is frequently aconcommitant of the disease.

Ermine duly regulated is very beneficial. It should be taken on horse-back in perference

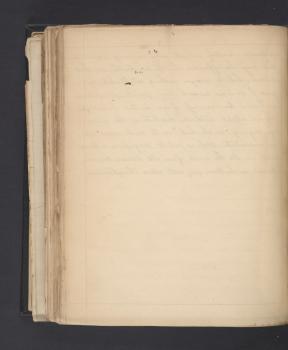
to any other mode - Should a tendency to plath or a receir it should be obviously by an abstimism diet and evacuant remodels.

In this breef efray I have adhered scrapularly to my original intention & have not absured any thing for which I cannot cite subject able authority. The few comments I have made are observed deducable from the data he which I have been governed: If not I have eved from a defeat of judgment Mot with the material of intention of basely perserting the opinions of these of these

This treates will some at least to show the deficienties of embarrapounts which we encounter in deciding on subjects which we still the themes of Controvery among min of somewines.

We are forced to doubt authority which our limited experience does not allow us entirely to

refuter, or dervilely adopt every verinary theralising that may be offered - If we don't we thus depend, but to arraign authority established by good of Sudward remark (and practical Experience of we adopt without the ardian of enguery is cheated "in its mid career" (and an immediate stop is put to progrepaise improve an in the words of an old Roman Orombia.



Ly nan Vhe Carolitea C Samilton